

## New England Biolabs Product Specification

**Product Name:** NEBNext<sup>®</sup> Multiplex Oligos for Illumina<sup>®</sup> (Index Primers Set 3)  
**Catalog #:** E7710S/L  
**Kit Components:** NEBNext<sup>®</sup> Universal PCR Primer for Illumina<sup>®</sup> (E6861)  
NEBNext<sup>®</sup> Adaptor for Illumina<sup>®</sup> (E7337)  
USER<sup>®</sup> Enzyme (E7338)  
NEBNext<sup>®</sup> Index 17 Primer for Illumina<sup>®</sup> (E7585)  
NEBNext<sup>®</sup> Index 24 Primer for Illumina<sup>®</sup> (E7592)  
NEBNext<sup>®</sup> Index 26 Primer for Illumina<sup>®</sup> (E7713)  
NEBNext<sup>®</sup> Index 28 Primer for Illumina<sup>®</sup> (E7714)  
NEBNext<sup>®</sup> Index 29 Primer for Illumina<sup>®</sup> (E7715)  
NEBNext<sup>®</sup> Index 31 Primer for Illumina<sup>®</sup> (E7717)  
NEBNext<sup>®</sup> Index 32 Primer for Illumina<sup>®</sup> (E7718)  
NEBNext<sup>®</sup> Index 33 Primer for Illumina<sup>®</sup> (E7719)  
NEBNext<sup>®</sup> Index 34 Primer for Illumina<sup>®</sup> (E7720)  
NEBNext<sup>®</sup> Index 35 Primer for Illumina<sup>®</sup> (E7721)  
NEBNext<sup>®</sup> Index 36 Primer for Illumina<sup>®</sup> (E7722)  
NEBNext<sup>®</sup> Index 42 Primer for Illumina<sup>®</sup> (E7736)

**Shelf Life:** 24 months  
**Storage Temp:** -20°C  
**Specification Version:** PS-E7710S/L v1.0  
**Effective Date:** 16 Apr 2018

### Assay Name/Specification (minimum release criteria)

**Functional Testing (Library Construction, Oligo)** - Each set of reagents is functionally validated through construction of libraries made from commercially available genomic DNA. Libraries are made from each unique barcoded oligonucleotide and are sequenced together on the same Illumina flow cell and compared across various metrics including library yield, fraction of reads aligning to the reference, GC bias, and insert size.

\* **Individual Product Component Note** - Standard Quality Control Tests are performed for each component included in NEBNext<sup>®</sup> Multiplex Oligos for Illumina<sup>®</sup> (Index Primers Set 3) and meet the designated specifications.



Date 16 Apr 2018

Derek Robinson  
Director of Quality Control

